

Receiving Report

Date: 11/10/24
 Supplier: Fly 586211

Batch No: 1119346
 Dart P/O: 15203

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection 11/10/25 N/A ☒
 Work Order

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin:
 Date: 11/10/24
 Received/Costing:
 Initial:

Location

Purchase Order Receipt Listing

Monday, October 24, 2011 7:33:56 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO15203 Receipt Dates from 10/24/2011 to 10/24/2011 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO15203	1	No	M303R0.750 303 Round Bar 0.750 f	f	10/21/2011 10/24/2011 108.0000 DES102		108.0000	\$3.86 \$416.88	0.0000 0.0000	0	\$416.88
CAD	No		119346								
	2	No	M304R0.375 304 ROUND BAR 0.375	f	10/21/2011 10/24/2011 48.0000 DES102		48.0000	\$1.52 \$72.96	0.0000 0.0000	0	\$72.96
	No		119346								
	3	No	M304S16GA 304/316 Sheet .063	sf	10/21/2011 10/24/2011 192.0000 DES102		192.0000	\$4.89 \$938.92	0.0000 0.0000	0	\$938.92
	No		119346								
	4	No	M304S20GA 304/316 .040 Sheet	sf	10/21/2011 10/24/2011 320.0000 DES102		320.0000	\$3.12 \$998.40	0.0000 0.0000	0	\$998.40
	No		119346								
	5	No	M6061T6B0.375X01.f 6061T6 BAR .375 x f	f	10/21/2011 10/24/2011 12.0000 DES102		12.0000	\$3.98 \$47.76	0.0000 0.0000	0	\$47.76
	No		119346								
	6	No	M6061T6B0.500X05.f 6061-T6 Bar .500 x f	f	10/21/2011 10/24/2011 24.0000 DES102		24.0000	\$7.20 \$172.80	0.0000 0.0000	0	\$172.80
	No		119346								
	7	No	M6061T6B0.500X10.f 6061-T6 Bar .500 x f	f	10/21/2011 10/24/2011 24.1000 DES102		25.0000	\$13.92 \$347.93	0.0000 0.0000	0	\$347.93
	No		119346								

89045.17

335.17

3.12

999.12

4.89

937.95

Purchase Order ID/ Curt Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO15203	8		M6061T6B0.750X00.f		10/21/2011	10/24/2011	12.0000	\$2.08	0.0000	0	\$25.00
CAD	No		750								
			6061-T6 Bar .750 x f		12.0000	DESJ02		\$25.00	0.0000	0	
			.750								
			119346								\$265.92
	9		M6061T6B1.000X04.f		10/21/2011	10/24/2011	24.0000	\$11.08	0.0000	0	
			000								
	No		6061-T6 Bar 1.00 x f		24.0000	DESJ02		\$265.92	0.0000	0	
			4.00								
			119346								\$33.12
	10		M6061T6R0.625	f	10/21/2011	10/24/2011	36.0000	\$0.92	0.0000	0	
	No		6061-T6 Round Bar f		36.0000	DESJ02		\$33.12	0.0000	0	
			.625"								
			119346								
Total Received Quantity:											801.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$3,319.69
Total Balance Due Quantity:											0.0000

Monday, October 24, 2011 7:33:56 AM

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

Page: 1 ... Continued

Handwritten signature

Handwritten date: 11/19/94

5) Our Order PEC-380773- 5 Your PO # 15203	ALUMINUM FLAT BAR 6061-T6511 ".375" X 1.00" X 144.0000" Heat Number Tag No	Quantity PCS WT LBS	Quantity PCS WT LBS
4) Our Order PEC-380773- 4 Your PO # 15203	STAINLESS STEEL SHEET 304-2B ".0360 Nom X 48.0000" X 96.0000" Heat Number Tag No	Quantity PCS WT LBS	Quantity PCS WT LBS
3) Our Order PEC-380773- 3 Your PO # 15203	STAINLESS STEEL SHEET 304-2B ".0600 Nom X 48.0000" X 96.0000" Heat Number Tag No	Quantity PCS WT LBS	Quantity PCS WT LBS
2) Our Order PEC-380773- 2 Your PO # 15203	STAINLESS STEEL ROUND BAR 304L ".375" DIA X 144.0000" Heat Number Tag No	Quantity PCS WT LBS	Quantity PCS WT LBS
1) Our Order PEC-380773- 1 Your PO # 15203	STAINLESS STEEL ROUND BAR 303 STAINLESS ".750" DIA X 144.0000" Heat Number Tag No	Quantity PCS WT LBS	Quantity PCS WT LBS

B I L L O F L A D I N G

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5G6
Tel: 905 669 9444 Fax: 9057389033
Ship To: DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

Ship Date 21oct11 at 15:25 From PFW
No: PEC 335256
VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

Handwritten number: 643

No: PEC 735256

Ship Date 21oct11 at 15:25 From PFW

Via VIM TRANSFER

FOB CONCORD

Frt PREPAID

Route 0 - 0 Manifest

Trailer

Slp STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship To: (1) DART AEROSPACE

B I L L O F L A D I N G

6 1 12 FT

6) Our Order PEC-380773- 6 Your PO # 15203
ALUMINUM FLAT BAR 6061-T6511
.50" x 5.00" x 144.0000"
Heat Number 201114312
Tag No 709

Quantity 24 FT
PCS 2

MTR'S
Wt LBS 70

7) Our Order PEC-380773- 7 Your PO # 15203
ALUMINUM FLT BAR ECONOPLT 6061-T6511
.500" x 10.00" x 144.5000"
Heat Number 201114797
Tag No 710

Quantity 24 1.0000"
PCS 2

MTR'S
Wt LBS 142

8) Our Order PEC-380773- 8 Your PO # 15203
ALUMINUM SQUARE BAR 6061-T6511
.750" x 144.0000"
Heat Number 201110805
Tag No 711

Quantity 12 FT
PCS 1

MTR'S
Wt LBS 8

9) Our Order PEC-380773- 9 Your PO # 15203
ALUMINUM FLAT BAR 6061-T6511
1.00" x 4.00" x 144.0000"
Heat Number 201114890
Tag No 712

Quantity 24 FT
PCS 2

MTR'S
Wt LBS 111

10) Our Order PEC-380773- 10 Your PO # 15203
ALUMINUM ROUND BAR 6061-T6511
.625" DIA x 144.0000"
Heat Number 201110397
Tag No 713

Quantity 36 FT
PCS 3

MTR'S
Wt LBS 13

TOTAL:

Tags 11

PCS 40

LBS 1489

Heat Number *** Chemical Analysis ***

Page: 2 ...Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
TVO/GST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

Handwritten signature

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO15203
Purchase Order Date 10/19/11
PO Print Date 10/19/11
Page Number 1 of 4

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name
Vendor Phone 905 669 9444
Vendor Fax 905 738 9033
Vendor Account Nbr
Buyer
Requisition Nbr
Tax Resale Nbr
Terms
Currency
FOB
Chantal Lavoie
10127-2607
Net 30
CAD
Destination-Collect

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

RECEIVED
OCT 19 2011

Line Nbr	Reference	Description/	Reg Date/	Reg Qty/	Ship Method	Unit Price	Extended Price
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1	M303R0.750	303 Round Bar 0.750	10/21/11	108.00	Yours ppd	\$3,8600	\$416.88
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2	M304R0.375	304 ROUND BAR 0.375	10/21/11	48.00	Yours ppd	\$1,5200	\$72.96
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3	M304S16GA	304/316 Sheet .063	10/21/11	192.00	Yours ppd	\$4,8902	\$938.92
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Change Nbr: 1
Change Date: 10/19/11
No substitution or deviation without consent.
Certificate of Conformity or Material
Certification required when applicable

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

DART aerospace

PURCHASE ORDER
Purchase Order ID PO15203
Purchase Order Date 10/19/11
PO Print Date 10/19/11
Page Number 2 of 4

Order From :
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name	905 669 9444
Vendor Phone	905 738 9033
Vendor Fax	
Vendor Account Nbr	
Buyer	Chantal Lavoie
Requisition Nbr	10127-2607
Tax Resale Nbr	Net 30
Terms	CAD
Currency	Destination-Collect
FOB	

4	M304S20GA	304/316 .040 Sheet	10/21/11	Yes	320.00	Yours ppd	\$3.1200	\$998.40
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Special Inst: MATERIAL: AISI 304/316 SS SHEET, ANNEALED 2B FINISH AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240

5	M6061T6B0.375X01.000	6061T6 BAR .375 x 1.00	10/21/11	Yes	12.00	Yours ppd	\$3.9800	\$47.76
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Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-220/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

6	M6061T6B0.500X05.000	6061-T6 Bar .500 x 5.00	10/21/11	Yes	24.00	Yours ppd	\$7.2000	\$172.80
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Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-220/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

7	M6061T6B0.500X10.000	6061-T6 Bar .500 x 10.00	10/21/11	Yes	24.10	Yours ppd	\$13.9171	\$335.40
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Change Nbr: 1
Change Date: 10/19/11
No substitution or deviation without consent.
Certificate of Conformity or Material Certification required when applicable

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO15203
Purchase Order Date 10/19/11
PO Print Date 10/19/11
Page Number 3 of 4

Order From :
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name	905 669 9444
Vendor Phone	905 738 9033
Vendor Fax	
Vendor Account Nbr	
Buyer	Chantal Lavoie
Requisition Nbr	10127-2607
Tax Resale Nbr	Net 30
Terms	CAD
Currency	Destination-Collect
FOB	

Special Inst:	MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A- 220/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	6061-T6 Bar .750 x .750	10/21/11	12.00	Yours ppd	\$2.0833	\$25.00
			Yes	f			

Special Inst:	MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A- 220/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	6061-T6 Bar 1.00 x 4.00	10/21/11	24.00	Yours ppd	\$11.0800	\$265.92
			Yes	f			

Special Inst:	MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A- 220/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	6061-T6 Round Bar .625"	10/21/11	36.00	Yours ppd	\$0.9200	\$33.12
			Yes	f			

Change Nbr: 1
Change Date: 10/19/11
No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

10/19/11
he/11/11/11

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

DART aerospace

PURCHASE ORDER
Purchase Order ID PO15203

Purchase Order Date 10/19/11
PO Print Date 10/19/11

Page Number 4 of 4

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	10127-2607
Vendor Fax	Tax Resale Nbr	Net 30
Vendor Account Nbr	Terms	CAD
	Currency	Destination-Collect
	FOB	

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116 OR QQ-A-
220/8 OR AMS-QQ-A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

PO Total:

\$3,307.17

**MATERIAL CERTIFICATION
REQ'D UPON DELIVERY**

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Date: 10/19/11

Change Nbr: 1



NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

METALLURGICAL TEST REPORT

6870 HIGHWAY 42 EAST

Certificate: 677343 1

Customer: 007206 001

Your Order: PEC232372

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 10/12/2011

Steel: 303

Finish: CD

Corrosion:

Page: 1

REMARKS:
COMPLIES W/REQUIREMENTS OF DPARS EU DIRECTIVE 2002.95.
EC. ROHS. EAF+MOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

PRODUCT DESCRIPTION:
Round Bar, Annealed, Cold Draw
ASTM A582/05 EN 10204 3.1, ASTM A484/08
AMS 5640U TYPE 1, QQS-764B CONDITION A

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BE0737 2		.7500		1,136	144.00	1	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
92A6	US	.0375	.1515	17.2245	.2815	1.7880	.4045	.0356	8.5855	.0310
		S		SI						
		.3400		.4795						

MECHANICAL PROPERTIES

Product Id	1 d c i c r	HB Mo.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BE0737 2		R L 195.00	71.47	105.91	25.35	7.35

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

Technical Dept. Mgr.
ERIC HESS
10/12/2011

書證明驗檢

運金鋼鐵股份有限公司

YUEN CHANG STAINLESS STEEL CO., LTD.

高雄市前金區中正西路235號13F
13-F, No. 235, Jungjeng, 4th Road
Chianjin Chiu, Kaohsiung, Taiwan.

INSPECTION CERTIFICATE

刊印日期(ISSUE DATE): 2011/08/08

客戶名稱 Customer		Global Stainless Steel Inc. 1150 Meyerside Drive Mississauga, Ontario Canada, L5T 1J4					
項目 Item	鋼捲編號 Coil No.	爐號 Heat No.	鋼種 Steel Grade	表面 Finish	產品尺寸 Thickness x Width x Length	淨重(KG) Net Weight	
1	KA10331950E20	A2101089	304	2B	11GA x 48" x 96"	1,252	
2	H0710	A2762-1030	304	2B	12GA x 48" x 96"	1,214	
3	QGP1320A-1	SC33727	304	2B	16GA x 48" x 96"	1,250	
4	QGP1320A-2	SC33727	304	2B	16GA x 48" x 96"	1,250	
5	H3590	B9691-1020	304	2B	18GA x 48" x 96"	1,106	
6	KA10367270N20-1	A2101199	304	NO.4	11GA x 48" x 96"	1,242	
7	KA10367270N20-2	A2101199	304	NO.4	11GA x 48" x 120"	1,216	
項	化學成份		Chemical Composition	(%)	機械性質 Mechanical Properties		

成分	C	Si	Mn	P	S	Cr	Ni	N	抗拉強度 T.S N/MM ²	降伏強度 Y.S(0.2%) N/MM ²	伸張率 Elong (%)	硬度 Hardness HRB	規定 Hardness HV
1	0.050	0.410	1.200	0.035	0.002	18.400	8.100	0.060	637	314	65.0	86.0	-
2	0.043	0.470	1.161	0.030	0.006	18.101	8.134	0.057	616	256	56.5	82.3	-
3	0.052	0.340	1.010	0.026	0.007	18.100	8.040	-	653	275	56.0	-	159.1
4	0.052	0.340	1.010	0.026	0.007	18.100	8.040	-	653	275	56.0	-	159.1
5	0.044	0.402	1.181	0.034	0.006	18.108	8.108	0.052	633	290	53.0	82.7	-
6	0.040	0.370	1.060	0.040	0.002	18.100	8.000	0.030	680	336	55.5	86.5	-
7	0.040	0.370	1.060	0.040	0.002	18.100	8.000	0.030	680	336	55.5	86.5	-

茲證明本表所列產品，均依材料規格製造及試驗，並符合規格之要求。

We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

本藥片無糖、無防腐劑，並不含有藥

The material described above is free irradiation and free mercury.

All the above products conform to the requirements specified in ASTM A240/A480.

PO No.:82413

Shipping No. 4775

YUEN CHANG STEEL CO., LTD.
YUEN CHANG STEEL CO., LTD.

10

Advised

Authorized Signatures for



ThyssenKrupp Mexinox

A company
of ThyssenKrupp
Stainless

TEST REPORT (CERTIFICADO)

CUSTOMER (CLIENTE)
MEXINOX USA

MILL ORDER No. No. DE PEDIDO	9267 - 6	PACKAGE (EMPAQUE) No. H6198410	00
CUSTOMER PURCHASE ORDER No.		DATE (FECHA)	AUG-09-10
CODE PART NUMBER		REPORT (CERTIFICADO) No.	FC1942

PRODUCT IDENTIFICATION IDENTIFICACION DEL PRODUCTO

ITEM No.	COIL No. No. DE ROLLO	PIECES PIEZAS	HEAT COLADA No.	TYPE AND FINISH TIPO Y ACABADO	DIMENSIONS DIMENSIONES	GROSS WT. PESO BRUTO	NET WT. PESO NETO
1	4360AT (00AJ)	45	376854	304 / 2B UNS S30400	48.00 X 96.00 X .0351 1219.23 X 2438.40 X .892	2,205 1,000	2,019 916

CHEMICAL COMPOSITION COMPOSICION QUIMICA (%)

ITEM No.	C	Cr	Mn	N	Ni	P	S	Si	OTHER ELEMENTS (OTROS ELEMENTOS)
1	.0480	18.2700	1.5000	.0604	8.0500	.0250	.0010	.4300	

MECHANICAL PROPERTIES PROPIEDADES MECANICAS

ITEM No.	TEST No. No. MUESTRA	TENSILE S. R. TENSION	YIELD S. R. FLUENCIA	ELONGATION % ALARGAMIENTO	HARDNESS DUREZA HRB
1	A838580 A838555	99060 psi 683 MPa	50038 psi 346 MPa	54.5	(HEAD / TAIL) 85.0 / 65.0

HEAT SOURCE: SOUTH AFRICA

THIS MATERIAL COMPLIES WITH CHEMICAL COMPOSITION ACCORDING TO ASTM A 240/A 240M-09a STD. NOW, AND IT COMPLIES ALSO WITH THE MECHANICAL AND CHEMICAL PROPERTIES ESTABLISHED IN THE FOLLOWING STDS. :
ASME SA240-07, QQ-S-766-D, MIL-S-5053-D, AMS 5511T,

"THIS MATERIAL IS FREE OF MERCURY CONTAMINATION"

We hereby certify that in recognition of the terms and conditions set forth in the EU RoHS Directive 2002/95/EC, we can insure that all of our products and processes fully comply with it.



ELABORATED BY
Carlos Balderas Salazar

PRINTED: 8:54:27 SEP-10-10
P: INVATO No. 38-107-10 Rev. 2

HECHO EN MEXICO / MADE IN MEXICO

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
50" X 5.00" X 144.0000"
PART NO.

PO Ref 15203

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
210411
Fig. 1/1
BL PEC-735256-006



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
135215	1

BILL TO ThyssenKrupp Materials NA	MANIFEST NUMBER 140233	DATE OF SHIPMENT 9/16/2011	CERTIFICATION ASTM-B221-08 Stencil Continuous
SHIP TO ThyssenKrupp Materials NA PEC	CUSTOMER PO PEC-232914	SALES PERSON David Schroeder	SPECIFICATION AMS-QQA-200/8
Quantity Certified 847 lbs	CUSTOMER PART NUMBER RB0101		
	DESCRIPTION SCRB .500x5.000		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201114312	09/15/11	53.8	50.0	11.5
2	201114312	09/15/11	52.8	49.2	11.5

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Melted In United States of America
061913	6061	0.73	0.38	0.31	0.10	0.87	0.08	0.04	0.02	
062911	6061	0.76	0.38	0.30	0.11	0.89	0.08	0.08	0.02	
070112	6061	0.73	0.38	0.31	0.11	0.89	0.08	0.08	0.02	

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 9/16/2011

Rev. 906307 - JMS

CERTIFIED INSPECTION REPORT AND TEST RESULTS
FOR EXTRUDED PRODUCTS

SERVICE CENTER METALS
 5850 Quality Way
 Prince George, VA 23875



OUR ORDER NUMBER	ITEM
131567	4

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	135602	SQ0039	7/15/2011	ASTM-B221-08 StencilContinuous
SHIP TO	CUSTOMER PO	ALLOY/TEMPER	SALESPERSON	SPECIFICATION
ThyssenKrupp Materials NA PEC	PEC-231378	6061-T6511	David Schroeder	AMS-QQA-200/8
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION		
1,269 lbs	SQ0039	SCSB .750		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201110805	07/14/11	55.0	51.8	16.7
2	201110805	07/14/11	55.3	52.1	16.0
3	201110805	07/14/11	54.2	50.8	17.5
4	201110805	07/14/11	54.6	51.3	16.0
5	201110805	07/14/11	56.4	53.4	16.5
6	201110805	07/14/11	54.2	50.8	16.4
7	201110805	07/14/11	55.5	52.3	16.5
8	201110805	07/14/11	55.5	52.5	14.4
9	201110805	07/14/11	54.9	51.8	15.6
10	201110805	07/14/11	55.3	52.1	15.0
11	201110805	07/14/11	53.2	50.0	16.2

Calvin I. Wiggins

Calvin I. Wiggins, Director of Quality & Technical Services

Print Date: 7/15/2011

PO/Ref 15203
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
131567	4

BILL TO ThyssenKrupp Materials NA SHIP TO ThyssenKrupp Materials NA PEC Quantity Certified 1,269 lbs 160pcs	MANIFEST NUMBER 135602 CUSTOMER PO PEC-231378 CUSTOMER PART NUMBER SQ0039	DIE NUMBER SQ0039 ALLOY / TEMPER 6061-T6511 DESCRIPTION SCSB .750	DATE OF SHIPMENT 7/15/2011 SALESPERSON David Schroeder	CERTIFICATION ASTM-B221-08 StencilContinuous SPECIFICATION AMS-QQA-200/8
---	--	--	---	---

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Melted In United States of America
120315	6061	0.76	0.39	0.34	0.10	0.86	0.09	0.04	0.02	
152917	6061	0.73	0.39	0.31	0.12	0.87	0.08	0.06	0.02	

Calvin J. Winnings



6870 HIGHWAY 42 EAST

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

Certificate: 677344 5
Customer: 007206 001
Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 10/12/2011 Page: 1

Steel: 304/304L

Finish: CD

Your Order:

PEC232371

NAS Order: PN 0015430 02

Corrosion: ASTM A262 Prac A/E OK

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30400/30403 EN 10204 3.1, ASTM A484/08
ASTM A276/10, ASTM A479/10a, ASTM A182/10 CHEM ONLY,
ASME SA479/10a, ASME SA182/10 CHEM ONLY
AMS 5639H, AMS 5647H, AMS QQS-763B, QQS-763F

REMARKS:

COMPLIES W/REQUIREMENTS OF DEARS EU DIRECTIVE 2002.95.
EC. ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BE0923 4		.3750		916	144.00	10	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
9XX4	US	.0171	.1995	18.0795	.3935	1.3650	.3420	.0653	8.5185	.0315
S SI										
.0290 .2865										

MECHANICAL PROPERTIES

Product Id	Id	HB	UTS	RA	Elong
	o i	.2YS	KSI	%	% 4D
BE0923 4	R L	144.00	83.84	103.75	72.67
					56.50

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

Technical Dept. Mgr.

ERIC HESS

10/12/2011

YITH MAU CORR.

Line Item: 004

Page 1 of 2

Kaiser Order Number: 602845

Plant Serial: 00006651

Alex Yeh, Quality & Technology Manager

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

CERTIFICATION

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	EA	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.60	0.00	0.15	0.00	0.80	0.04	0.03	0.03	NA	NA	NA	0.00	0.00
A31754	.69	.30	.22	.06	.92	.10	.03	.02	.00	.00	.00	.01	.02

Chemical Composition (wt%), Aluminum Remainder

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
XTR000788	0001	0031	46.0	41.9	19.7	RE	96	N/A
XTR000788	0001	0032	48.3	44.3	19.3	RE	96	N/A
XTR000788	0001	0033	45.9	41.6	18.8	RE	94	N/A
XTR000788	0001	0004	45.6	41.4	19.6	RE	94	N/A
XTR000788	0001	0005	45.7	41.6	18.0	RE	94	N/A
XTR000788	0001	0006	48.0	43.2	20.2	RE	96	N/A
XTR000788	0001	0007	46.0	40.7	19.4	RE	96	N/A
XTR000788	0001	0008	48.3	44.2	19.7	RE	97	N/A
XTR000788	0001	0009	48.8	44.7	18.8	RE	97	N/A
XTR000788	0001	0010	47.6	43.4	19.5	RE	97	N/A
XTR000788	0001	0011	49.7	43.2	18.4	RE	97	N/A
XTR000788	0001	0012	47.8	42.5	18.8	RE	97	N/A

Actual Physical Properties

SHIP TO:		THYSSENKRUPP MATERIALS NA		CONCORD, ON L4K 5C6 CANADA	
WEIGHT SHIPPED:		508,000 LB		SOLD TO:	
QUANTITY:		96,000 PCS		THYSSENKRUPP MATERIALS NA	
B/L NUMBER:		601380		2821 LANGSTAFF ROAD	
SHIP DATE:		09/09/2011		CONCORD, ON L4K 5C6 CANADA	
KAISER LOT NUMBER:		HK067 787		ALRECO0208	
ALLOY:		6061		PRODUCT DESCRIPTION:	
TEMPER:		T6511		.375 X 1.000 SC RECT BAR	
LENGTH:		12,000 FT			
WIDTH:					
DIA/DIA FT/HKMS:					

CERTIFIED TEST REPORT
<http://Certs.KaiserAluminum.com>

KAISER
FABRICATED PRODUCTS
ALUMINUM

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

RL PDC 735256-005

Pg 1/2

Certificate of Mill Test Results

THYSSENKRUPP MATERIALS NA

PART AEROSPACE

ALUMINUM PLATE BAR 6061-T6511

375" X 1.00" X 144,0000"

PART NO.

W.R.S.

Alex Yeh, Quality & Technology Manager

Page 2 of 2

Line Item: 004

Kaiser Order Number: 602845

Plant Serial: 00006651

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgment form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

CERTIFICATION

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA
Miscellaneous Notes

Applicable Requirements:
ASTM-B221-08-SCENICLED ASME-SB221 1998 SECT II AMS-QQ-A-202/8 UNS#96061 (16511 also conforms to T6-not applicable to other tempers)

KALAMAZOO, MI 49048
5206 KAISER DRIVE
FABRICATED PRODUCTS, LLC
KAISER ALUMINUM

KAISER
ALUMINUM
FABRICATED PRODUCTS

CERTIFIED TEST REPORT
<http://Certs.KaiserAluminum.com>

Test in 100%

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

PO/RG 15203

Signed by:

HL PRC-735256-005

Pg 2/2
210911

Certificate of Mill Test Results

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM EL-BAT BAR 6061-T6511

375" x 1.00" x 144.0000"

PART NO.



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
135334	1

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	141232	RB0128	9/29/2011	ASTM-B221-08 StencilContinuous
SHP TO	CUSTOMER PO	ALLOY/TEMPER	SALESPERSON	SPECIFICATION
ThyssenKrupp Materials NA PEC	PEC-232958	6061-T6511	David Schroeder	AMS-QQA-200/8
Quantity Certified	2,202 lbs	39 pcs	DESCRIPTION	
			SCRB 1.000x4.000	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201114341	09/20/11	47.7	44.3	16.1
2	201114341	09/20/11	49.0	45.9	15.0
1	201114690	09/23/11	51.3	47.9	14.3

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	II	Others	Total	Melted In
0911086	6061	0.76	0.36	0.30	0.10	0.86	0.10	0.08	0.02	0.05 max	0.15 max	United States of America
0911087	6061	0.74	0.35	0.31	0.12	0.86	0.10	0.07	0.02	0.05 max	0.15 max	
C07H0652	6061	0.72	0.26	0.33	0.09	0.90	0.09	0.01	0.01	0.05 max	0.15 max	
C29J1007	6061	0.75	0.37	0.32	0.11	0.89	0.10	0.01	0.01	0.05 max	0.15 max	

Print Date: 9/29/2011



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS
FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	135938
ITEM	5

BILL TO ThyssenKrupp Materials NA	SHIP TO ThyssenKrupp Materials NA PEC	Quantity Certified 1,912 lbs	27 pcs	MANIFEST NUMBER 141340	CUSTOMER PO PEC-233244	CUSTOMER PART NUMBER PL0734 X 144.5	DATE OF SHIPMENT 9/30/2011	CERTIFICATION ASTM-B221-08 StencilContinuous	
				PL0734	ALLOY / TEMPER 6061-T6511	SALES PERSON David Schroeder		SPECIFICATION AMS-QQA-200/8	
				DESCRIPTION PL 500 x 10.00					

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201114797	09/27/11	46.2	42.9	14.0

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Total	Melted In
C07H0639	6061	0.72	0.29	0.35	0.09	0.89	0.09	0.01	0.01	0.05 max	0.15 max	United States of America

P.O. Ref 15203

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

HL PBC 7AS256-010

SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
130370	6

BILL TO
ThyssenKrupp Materials NA
SHIP TO
ThyssenKrupp Materials NA VIM
Quantity Certified 1,712 lbs 395 pcs

MANIFEST NUMBER 134675
CUSTOMER PO VIM-610896
CUSTOMER PART NUMBER RD0002

DWG NUMBER RD0002
ALLOY / TEMPER 6061-T6511
DESCRIPTION ROD 625 +/-005

DATE OF SHIPMENT 6/29/2011
SALESPERSON David Schroeder

CERTIFICATION

ASTM-B221-08 No Stencil

SPECIFICATION
AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCIM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Test No.	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201110397	06/28/11	50.0	47.1	19.4
2	201110397	06/28/11	49.4	46.3	20.2
3	201110397	06/28/11	49.8	46.8	19.2
4	201110397	06/28/11	47.5	44.2	20.6
5	201110397	06/28/11	48.9	45.8	19.2
6	201110397	06/28/11	48.6	45.4	19.5
7	201110397	06/28/11	51.8	49.0	17.5
8	201110397	06/28/11	50.0	47.2	18.1
9	201110397	06/28/11	50.1	47.1	18.8
10	201110397	06/28/11	49.4	46.6	18.4



Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
061213	6061	0.71	0.39	0.31	0.10	0.87	0.08	0.04	0.02

Melted In
United States of America

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 6/29/2011